In this draft proposal:
6 key-note speakers (30 minutes)
12 speakers (25 minutes)
3 speakers for the opening (15 minutes)

Draft 31.08.11

DAKOF A / ISWA:
Waste & Climate Beacon Conference
- messages to COP18
19-20 April 2012, Copenhagen, Denmark

- Climate change is a problem - waste management is part of the solution

Conference venue: The Danish Society of Engineers, IDA, Kalvebod Brygge 31-33, Copenhagen, DK-1780 Denmark

Conference organisers: DAKOFA (Danish Waste Management) and ISWA (the International Solid Waste Association).

Waste management is part of the solution – that was the conclusion!!

It is now time to follow up on the conclusions from the first DAKOFA/ISWA Conference on Waste & Climate 2009 held in connection to the COP15 in Copenhagen. The overall conclusion of the conference in 2009 was: Waste management is part of the solution and plays an important role in the effort to reduce climate change. As an integrated part of the overall material flow through the economy, waste management has a tremendous potential for contributing to mitigating climate change, as also emphasised in the communication from European Commission on “A resource efficient Europe – Flagship initiative of the Europe 2020 Strategy”. Intelligent waste management can avoid up to 1.3 tons of CO2 eq. per capita.

The conference is dedicated to these issues with the goal of delivering a clear message from leading scientists and industries in the field of waste management. There is an urgent need to form a common understanding of and solution to these complicated issues and to prove the high efficiency when mitigating climate change by proper waste management.

The conference aims at establishing a mutual platform within the international waste sector, in order to bring forward messages to UN COP 18, in South Korea.

Why in April 2012?
The conference is organised as a prelude to the United Nations Climate Change Conference (COP18) in South Korea.
The intention is to highlight the main messages on how intelligent waste management plays an important role in the efforts to reduce the climate change.

**Objective**
Waste management should be recognised as part of the solution and not only as part of the problem.

**Key questions**
- Why is waste management important in relation to climate change?
- What are the necessary actions from the sector?
- What should be the message from the waste sector to COP18?

**You are invited!**
Delegates include government officials, industries, policy makers, universities and selected experts in the field of waste management and climate change. All delegates attending are invited to discuss and contribute to the key sector messages to be delivered as conclusions from the conference at the COP18.

The programme has been developed by a team of waste and climate experts and you can find more information about the experts behind the programme on the conference website: [www.wasteandclimate.org](http://www.wasteandclimate.org)

**Preliminary Programme**

**Thursday 19 April 2012**

09.00-09.30  Registration and coffee

**Plenum session 1: Opening:**
*Chair: Professor Thomas Højlund Christensen, Technical University of Denmark (???)*

09.30-09.45 Opening and welcome  
*Lykke Friis, Danish Minister of Energy and Climate (???)*

09.45-10.00 Welcome to the City of Copenhagen  
*Ayfer Baykal (F), Mayor of environment (???)*

10.00-10.15 Why is waste management important in a climate change perspective?  
*Dr. Christos Zerefos, Academic, Greece (???)*

10.15-10.30 The importance of intelligent waste management in perspective of climate change  
*Katherine Richardson, Copenhagen University (???)*

10.30-10.45 Key questions to be addressed during the conference  
*Professor Thomas Højlund Christensen, DTU (???)*
10.45-11.10 Coffee

Session 1: International Climate Change Policy – and Market Mechanisms

Jessica North, Hyder Consulting Pty Ltd (???)

11.35-12.00 OECD: Greenhouse gas emissions and the potential for mitigation from materials management within OECD countries
nn/OECD

12.00-12.25 EEA: Waste opportunities – past and future climate benefits from better waste management in Europe
nn, European Environmental Agency (???)

12.25-13.25 Lunch

13.25-13.50 ISWA: Current status and opportunities for waste, NAMAs – and a view to the ISWA initiatives in relation to COP 18
Gary Crawford, Veolia and Chair of ISWA Working Group on Climate Change

13.50-14.15 CEWEP: Climate change and waste management
nn, CEWEP (???)

14.15-14.40 WRAP: Carbon and economic benefits of waste and resource management
Keith James, WRAP, UK (???)

14.40-15.05 Coffee

Session 2: CO2 Measuring and Accounting Methods

15.05-15.30 Key issues in terms of important technologies with regard to climate and assumptions significantly affecting the outcome
Thomas Højlund Christensen, DTU (???)

15.30-15.55 Incineration and fossil CO2 emission
Helmut Rechberger and Thomas Astrup (???)

15.55-16.20 Carbon sequestration in landfills
Morton Barlaz, North Carolina State University (???)

Session 3: Waste and renewable energy sources

16.20-16.45 Waste in a fossil fuel free economy
Jørgen Henningsen, Member of the Danish Commission on Climate (???)
16.45-17.10  Sustainability criteria for using waste as a renewable energy source  
       Marlene Sieck, German Federal Environment Agency (???)

17.10-17.35  Integrated Waste management as a climate change wedge  
       Brian Bahor, Covanta (???)

17.35-18.00  Discussion and conclusions, Day One

Gala Dinner

18.30-22.00  Gala Dinner (IDA)

Friday 20 April 2012

09.30-09.45  Opening of Day Two

Session 4: Various Materials in a Climate Perspective

09.45-10.15  Important materials in a climate change perspective  
       Henrik Wenzel, University of Southern Denmark (???)

10.15-10.40  Plastics  
       Mario Grosso ...(???)

10.40-11.05  Organic waste  
       Claus Felby, Copenhagen University, Life (???)

11.05-11.35  Coffee

Session 5: Cities and Planning – integrated Waste Management and Industrial Synergies

11.35-12.05  Waste management and city planning  
       Bettina Kamuk, Rambøll (???)

12.05-12.30  Comparing Solid Waste Management in the World’s Cities  
       David Wilson, Imperial College, London, UK (???)

12.30-12.55  “Zero Waste” – prioritising waste management from GHG-emissions  
       Stephen Pathirana, Scottish Executive/Scottish Government (???)

12.55-13.55  Lunch

Session 6: Emerging climate-friendly technologies

13.55-14.25  ReneScience
14.25-14.50 Industrial Symbiosis to take care of carbon skeletons (?)
   Lilli Sander Jensen, Cluster Biofuels Denmark (CBD) (?)

14.50-15.15 Bio refineries
   nn, REnew Europe

GC asks their technology scout about emerging technology

Closing session

15.15-15.45 Discussions and conclusions to be brought forward to COP 18

15.45-16.00 Closing

Wine and snacks

For all practical information regarding the conference, venue and hotels please visit the Conference website: www.wasteandclimate.org

Conference sponsors: